Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1 - 3 (cancelled)

Claim 4 (currently amended): The electrical stimulation device of ~~claim 3~~ claim 23 wherein the controller is configured to determine, based on the determined breathing cycle pattern, a calculated inhalation period and the controller is configured to operate in a mode during which the first waveform signal and the second waveform signal are ~~applied to the living tissue only during a~~ generated only during the calculated inhalation period for each ~~determined~~ breathing cycle during the treatment period.

Claim 5 (currently amended): The electrical stimulation device of ~~claim 3~~ claim 23 wherein the controller is configured to determine, based on the determined breathing cycle pattern, a calculated inhalation period and a calculated exhalation period and the controller is configured to operate in a mode in which the ~~controller causes the~~ first waveform signal and the second waveform signal ~~to be applied to the living tissue~~ are generated for respective durations that commence during [[a]] the calculated inhalation period and end during [[a]] the calculated exhalation period for each ~~determined~~ breathing cycle during the treatment period.

Claim 6 (currently amended): The electrical stimulation device of ~~claim 3~~ claim 23 wherein the controller is configured to determine, based on the determined breathing cycle pattern, a calculated exhalation period and the controller is configured to operate in a mode in which the ~~controller caused the~~ first waveform signal and the second waveform signal ~~to be applied to the living tissue only during a~~ are generated

only during the calculated exhalation period for each ~~determined~~ breathing cycle during the treatment period.

Claim 7 (currently amended): The electrical stimulation device of ~~claim 2~~ claim 23 wherein the controller is configured to accept user input as to a desired timing of the first and second waveform occurrences within the determined breathing ~~cycles~~ cycle pattern, and adjust the timing accordingly.

Claim 8 (currently amended): The electrical stimulation device of ~~claim 3~~ claim 23 including an elongate member wherein said first and second electrode pairs are arranged along [[an]] the elongate member to assist in correct placement of the electrode pairs on the person.

Claim 9 (currently amended): The electrical stimulation device of claim 8 further including a third electrode pair connected to the controller ~~for applying~~ , the controller being configured for generating a stimulating third voltage waveform for application to the living tissue of the person through the third electrode pair, the third electrode being arranged on the elongate member so as to be located on an upper back area of the person higher than the second electrode pair, the controller being configured to ~~apply~~ generate the third waveform signal to the living tissue for a predetermined duration during each determined breathing cycle of the person during the treatment period, the third waveform signal commencing a predetermined delay after commencement of the second waveform signal in each breathing cycle.

Claim 10 (currently amended): The electrical stimulation device of ~~claim 1~~ claim 23 including a belt wherein the sensor includes at least two pressure sensing devices mounted on [[a]] the belt, the belt and sensing devices being configured such that the sensing devices can detect expansion and contraction of the person's torso during breathing when the belt is worn about the person's torso.

Claim 11 (currently amended): The electrical stimulation device of ~~claim 1~~ claim 23 wherein the controller is configured to operate in a mode during which the controller ~~causes~~ varies the first waveform and the second waveform ~~to vary~~ throughout a treatment time.

Claim 12 (currently amended): The electrical stimulation device of ~~claim 1~~ claim 23 wherein the controller includes user input means for allowing the person to select a desired intensity of the signals applied to the first and second electrode pairs, the controller being configured to adjust an intensity of the signals accordingly.

Claim 13 (original): The electrical stimulation device of claim 12 wherein the user input means includes a range selector for selecting one of a plurality of possible signal intensity ranges, and a further selector for selecting signal intensities within the selected signal intensity range.

Claim 14 (withdrawn): A method for applying a stimulation signal to living tissue, comprising:

(a) monitoring the breathing pattern of a person; and

(b) applying stimulating electrical waveforms signals to the anal area of the person in response to the monitored breathing pattern.

Claim 15 (withdrawn): The method of claim 14 including determining a breathing cycle and applying a first stimulating waveform signal to the anal area of the person for a first predetermined duration during each determined breathing cycle.

Claim 16 (withdrawn): The method of claim 15 including applying a further stimulating waveform signal to a lower spinal area above the anal area of the person for a further predetermined duration during each determined breathing cycle.

Claim 17 (withdrawn): The method of claim 16 wherein the first predetermined duration and the further predetermined duration overlap, with the further

predetermined duration commencing after the first predetermined duration during each breathing cycle.

Claim 18 (withdrawn): The method of claim 17 wherein the first and further stimulating waveforms are applied only during an inhalation portion of each breathing cycle.

Claim 19 (withdrawn): The method of claim 17 wherein the first and further stimulating waveforms are applied only during an exhalation portion of each breathing cycle.

Claim 20 (withdrawn): The method of claim 17 further including applying a third stimulating waveform signal to a further spinal area of the person above the area where the further stimulating waveform is applied for a third predetermined duration during each determined breathing cycle, with the third predetermined duration partially overlapping with and commencing after the further predetermined duration.

Claim 21 (withdrawn): A method for applying a stimulation signal to living tissue, comprising:

(a) monitoring the breathing pattern of a person; and

(b) applying stimulating electrical waveforms signals to the spinal area of the person in response to the monitored breathing pattern.

Claim 22 (currently amended): An electrical stimulation device for applying electrical stimulation to living tissue, comprising:

an elongate member for securing to a person's body;

a plurality of electrode pairs arranged along the elongate member for applying stimulating electrical pulses along an anal area and a spinal area of ~~a person~~ the person's body;

a sensing device for sensing breathing of the person; and

a controller connected to receive signals from the sensing device and control operation of the electrode pairs for the controller configured for generating the stimulating electrical pulses and causing the electrode pairs to apply the stimulating electrical pulses along the anal area and the spinal area based on signals received from the sensing device.

Claim 23 (re-presented – formerly dependent claim 3): An electrical stimulation device for applying a stimulation signal to living tissue, comprising:

a sensor for sensing breathing of a person;

at least a first electrode pair and a second electrode pair for contacting the living tissue of the person; and

a controller responsive to the sensor and operatively connected to the first electrode pair and the second electrode pair for determining a breathing cycle pattern of the person based on input from the sensor and generating a stimulating first waveform and a stimulating second waveform for application to the living tissue through the first electrode pair and the second electrode pair, respectively, based on the determined breathing cycle pattern of the person, the controller being configured to generate the first waveform signal and the second waveform signal, respectively, for predetermined durations during each breathing cycle of the person during a treatment period, the controller being configured to commence the second waveform signal a predetermined delay after commencement of the first waveform signal in each breathing cycle,

wherein the first electrode pair is adapted to be applied to an anal area of the person, and the second electrode pair is adapted to be applied higher than the first electrode pair to a lower spine area of the person.

Claim 24 (new): An electrical stimulation device for applying a stimulation signal to living tissue, comprising:

a sensor for sensing breathing of a person;

at least a first electrode pair and a second electrode pair for contacting the living tissue of the person; and

a controller responsive to the sensor and operatively connected to the first electrode pair and the second electrode pair for determining a breathing cycle pattern of the person based on input from the sensor and generating a stimulating first waveform and a stimulating second waveform for application to the living tissue through the first electrode pair and the second electrode pair, respectively, based on the determined breathing cycle pattern of the person,

wherein the first electrode pair is adapted to be applied to an anal area of the person, and the second electrode pair is adapted to be applied higher than the first electrode pair to a lower back of the person.